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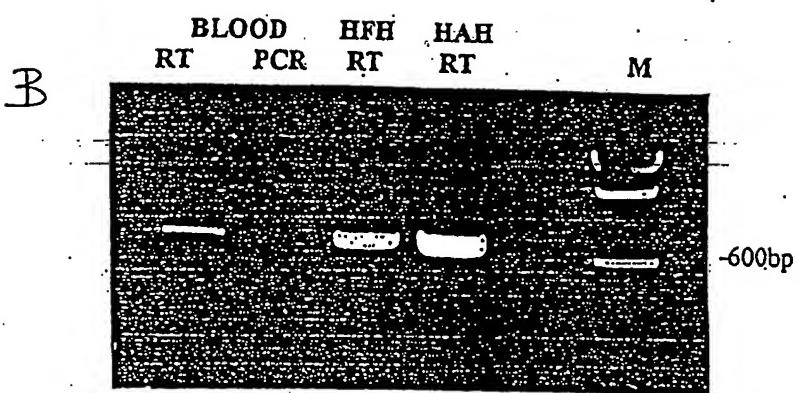
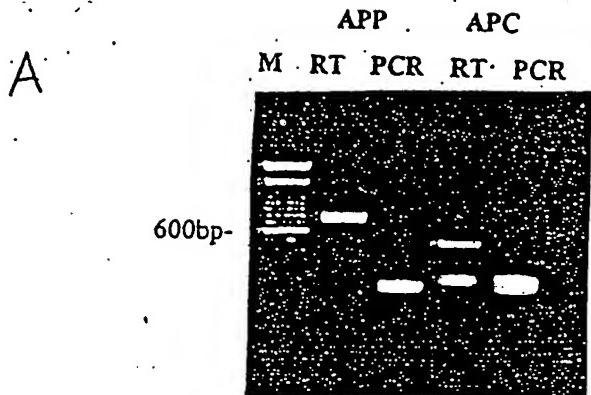


FIGURE 1

1 2 3 4 5 6 7 8

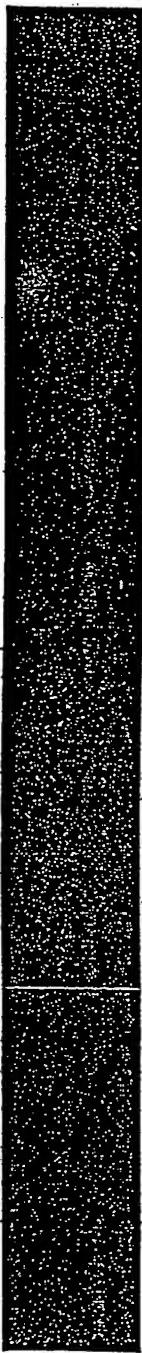


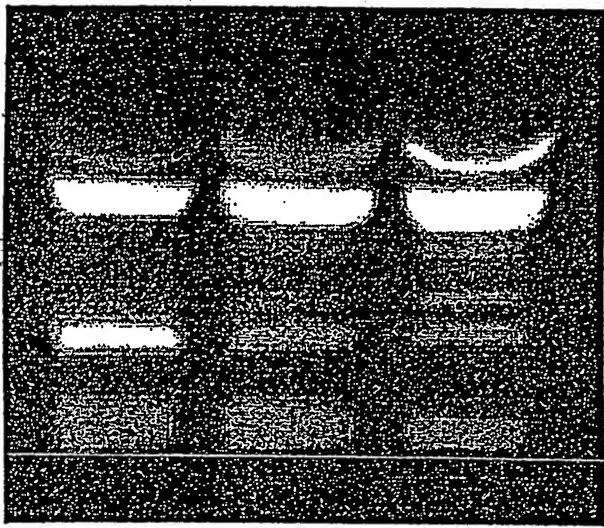
FIGURE 2

1 2 3 4



FIGURE 3

1 2 3



ZFP
GADH

INS

FIGURE 4

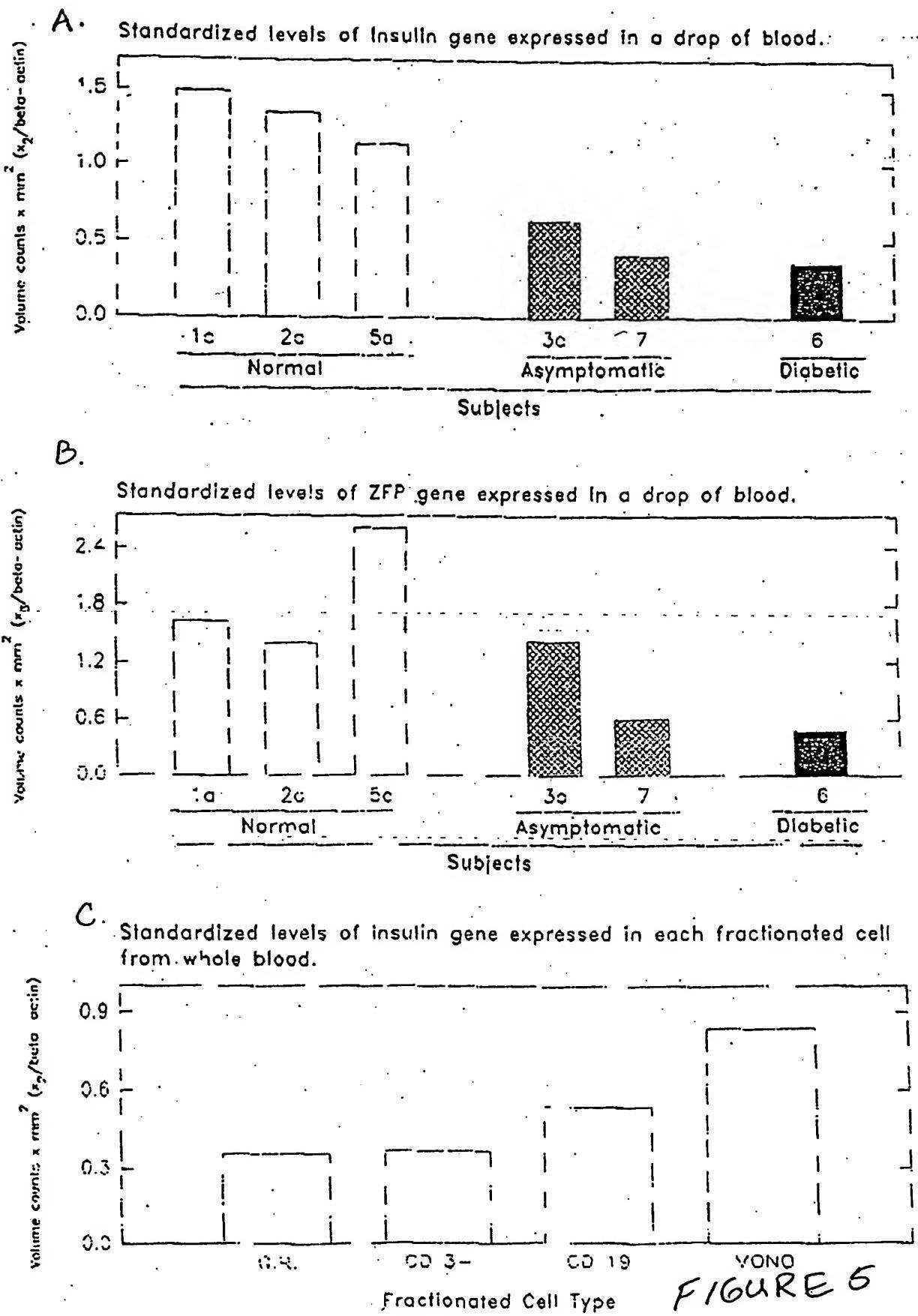
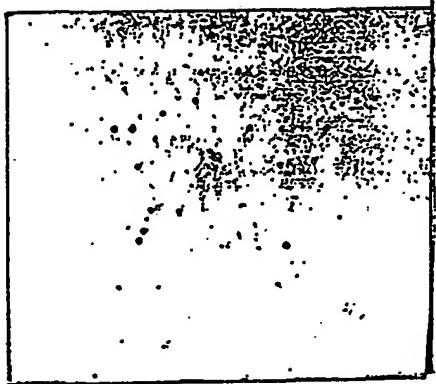


FIGURE 5

A



B

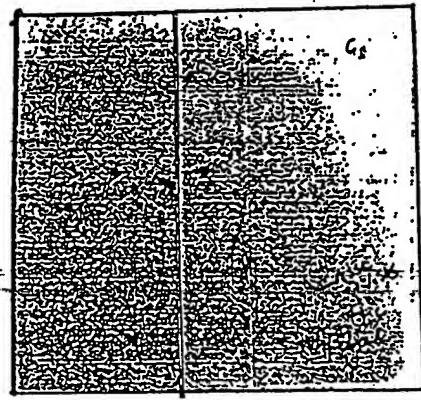


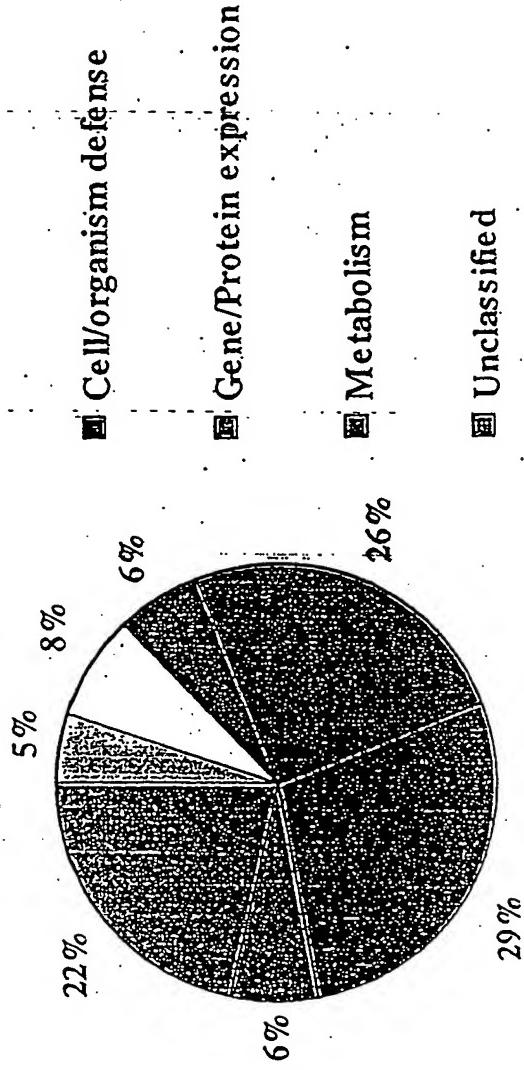
FIGURE 6

Total :13,283 ESTs
Known: 6,283
Mitochondrial: 405
Ribosome: 498
Repeat: 868
Mis. : 156
Novel: 2,718

Cell Division

Cell Signalling/Communication

Human Blood



Human Fetal Heart

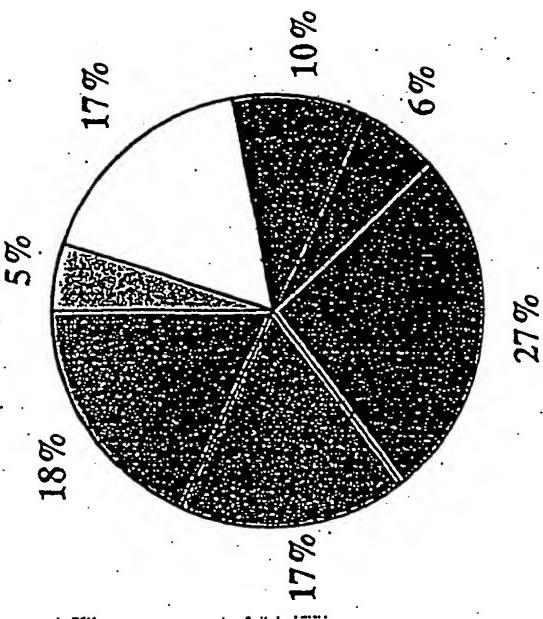
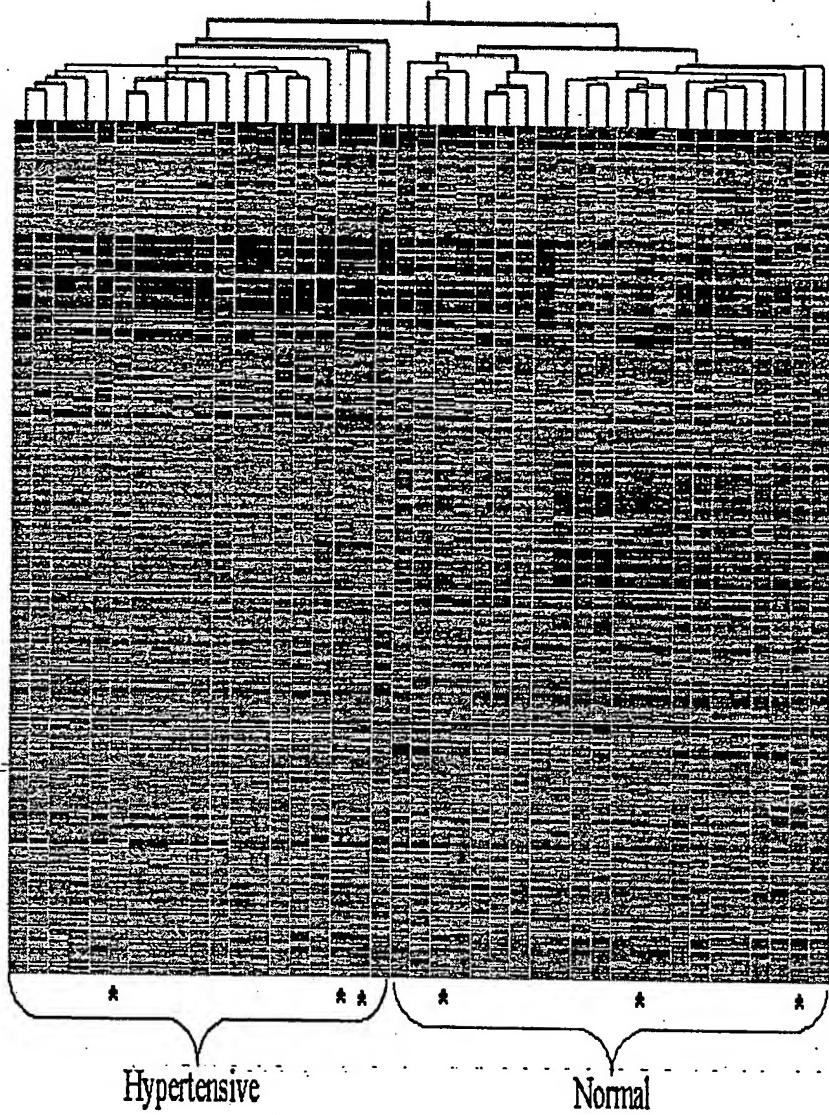


FIGURE 7

Figure 8

Hypertension

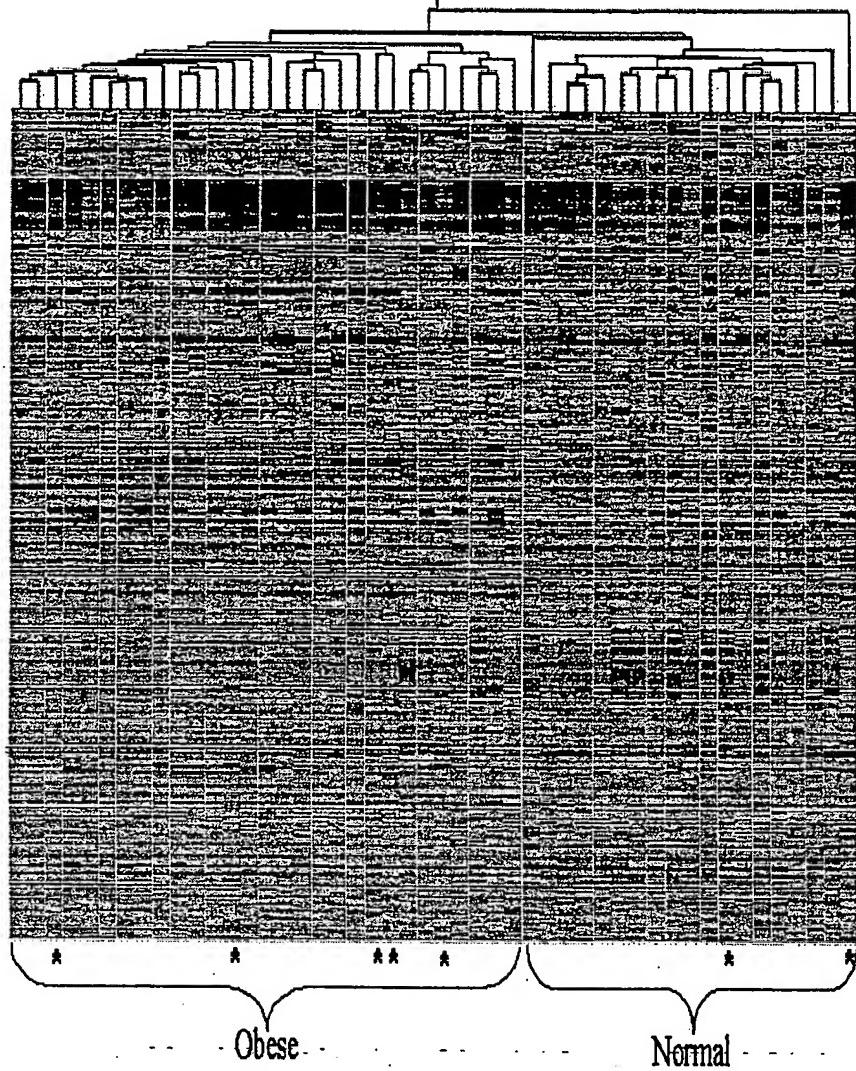


Hypertensive: 19

Normal: 22

Differentially Expressed Genes ($p < 0.05$): 861

Figure 9
Obesity



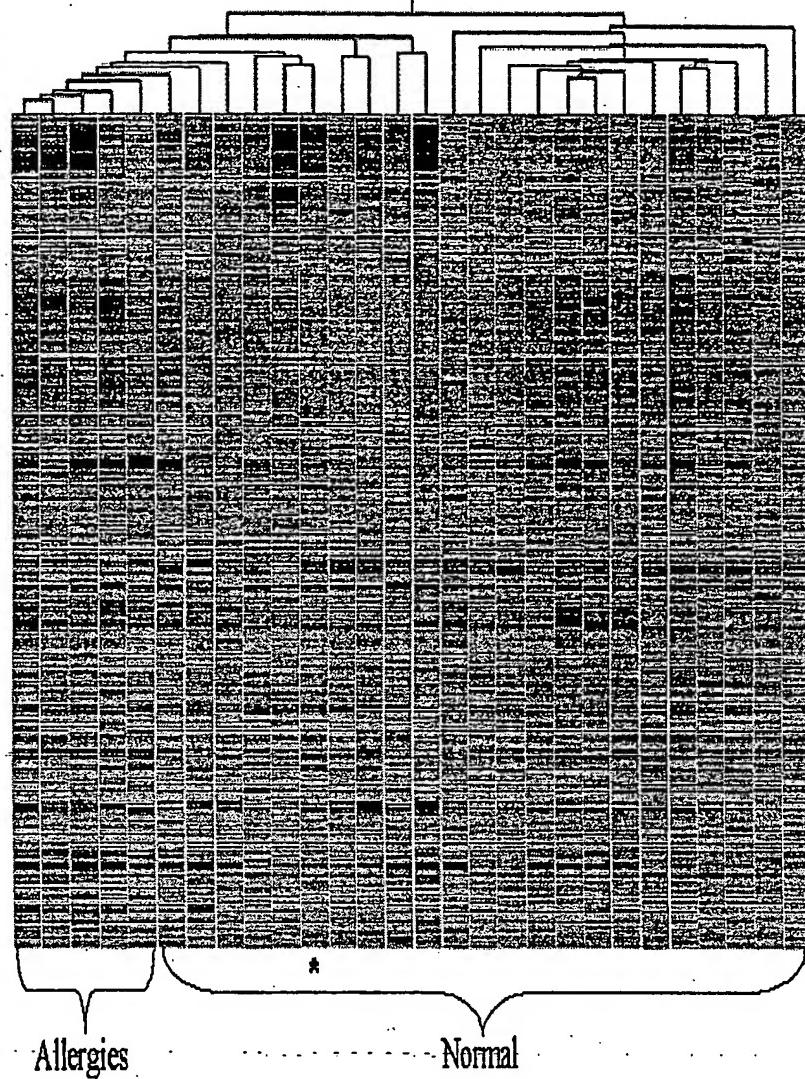
Obese: 25

Normal: 22

Differentially Expressed Genes ($p < 0.05$): 913

Figure 10

Allergies

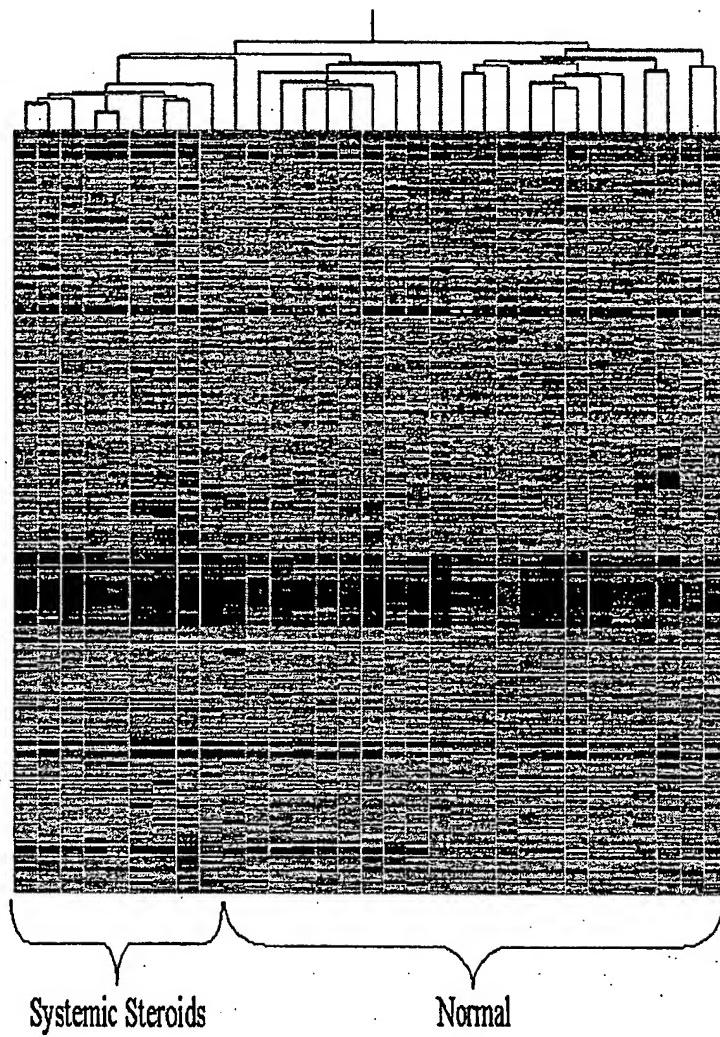


Allergies: 6

Normal: 22

Differentially Expressed Genes ($p < 0.05$): 633

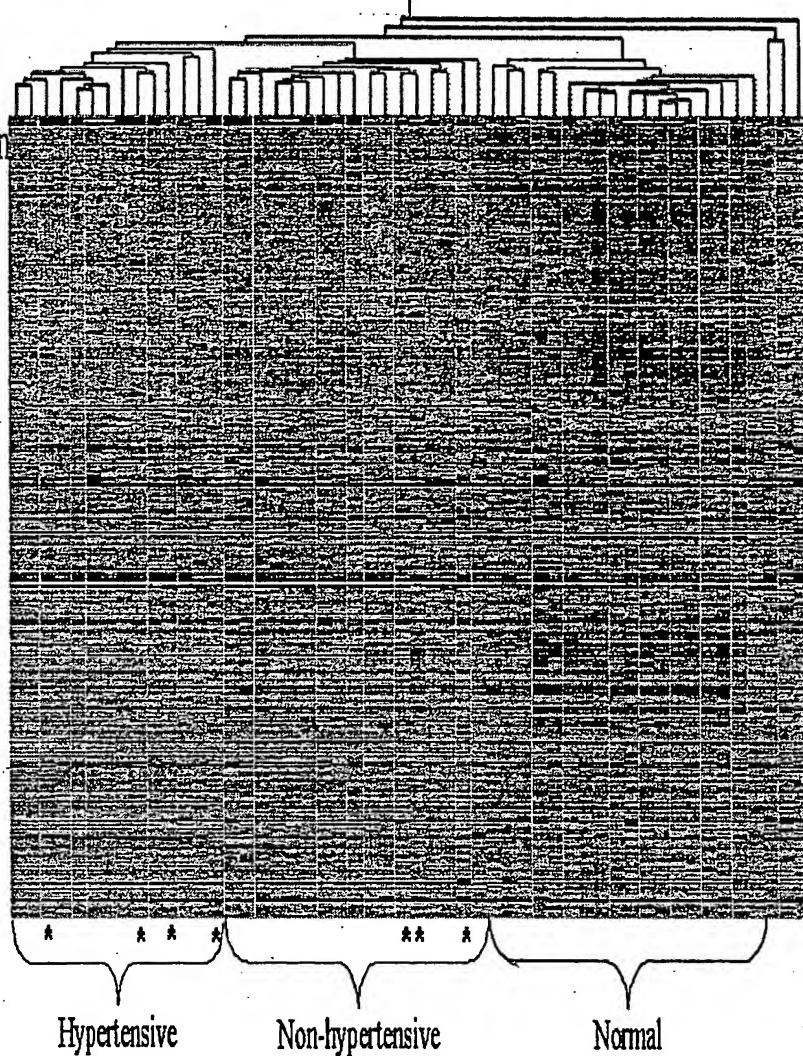
Figure 11
Systemic
Steroids



Systemic Steroids: 9
Normal: 22
Differentially Expressed Genes ($p < 0.05$): 605

Figure 12

Hypertension



Hypertensive: 10

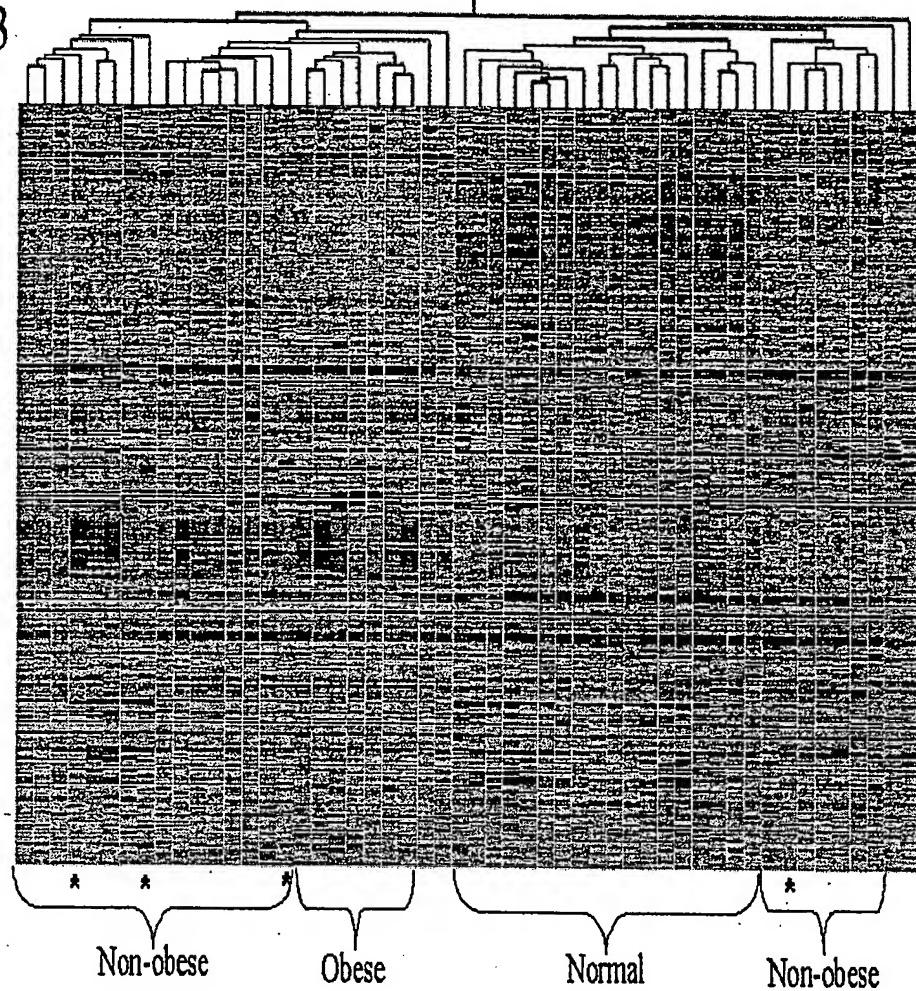
Non-hypertensive: 18

Normal: 24

Differentially Expressed Genes ($p < 0.05$): 1,993

Figure 13

Obesity



Obese: 8

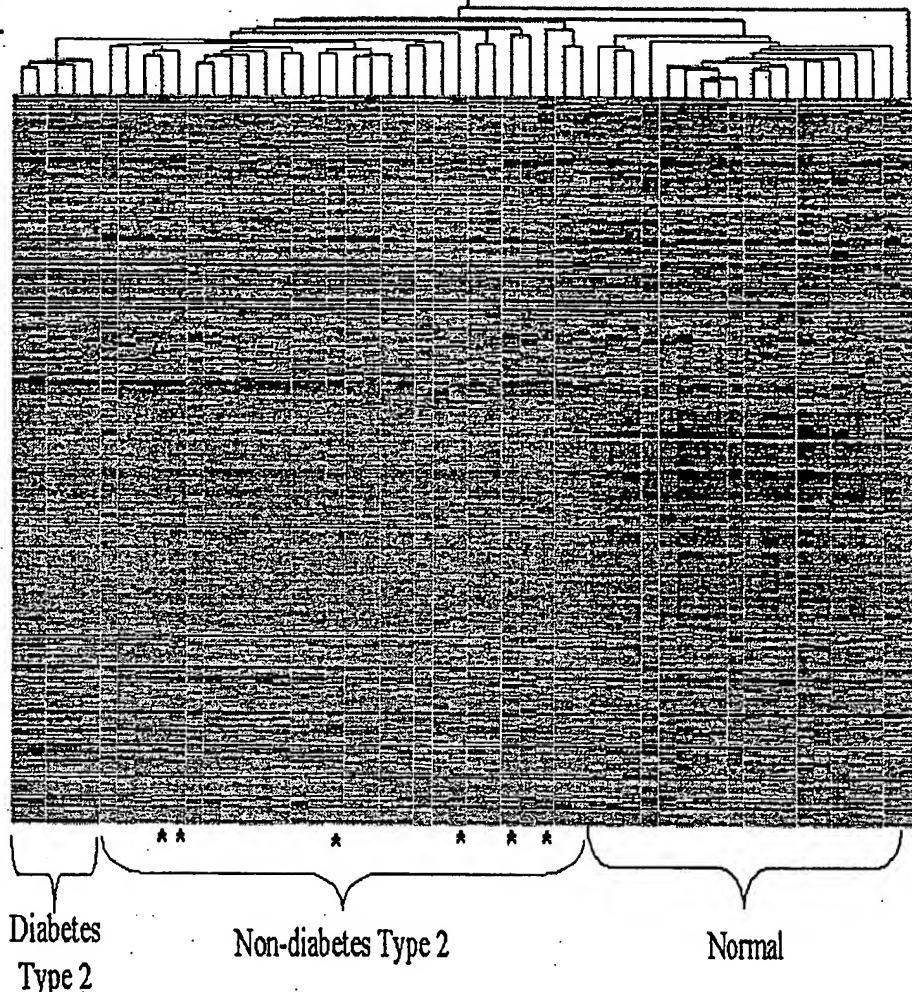
Non-obese: 20

Normal: 24

Differentially Expressed Genes ($p < 0.05$): 1,147

Figure 14

Diabetes
Type 2



Diabetes
Type 2

Non-diabetes Type 2

Normal

Diabetes Type 2: 5

Non-diabetes Type 2: 23

Normal: 24

Differentially Expressed Genes ($p < 0.05$): 915

Figure 15

Hyperlipidemia

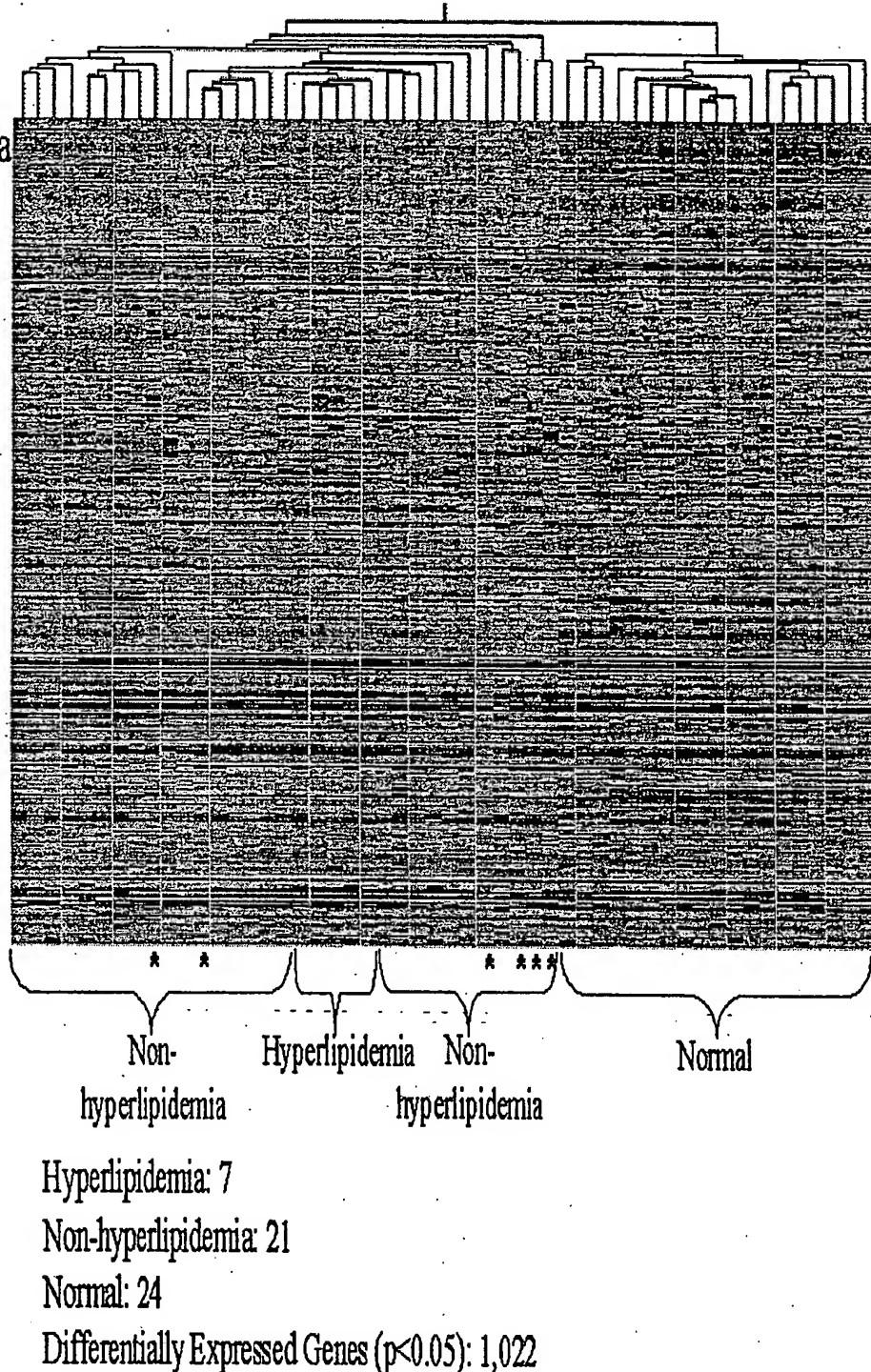
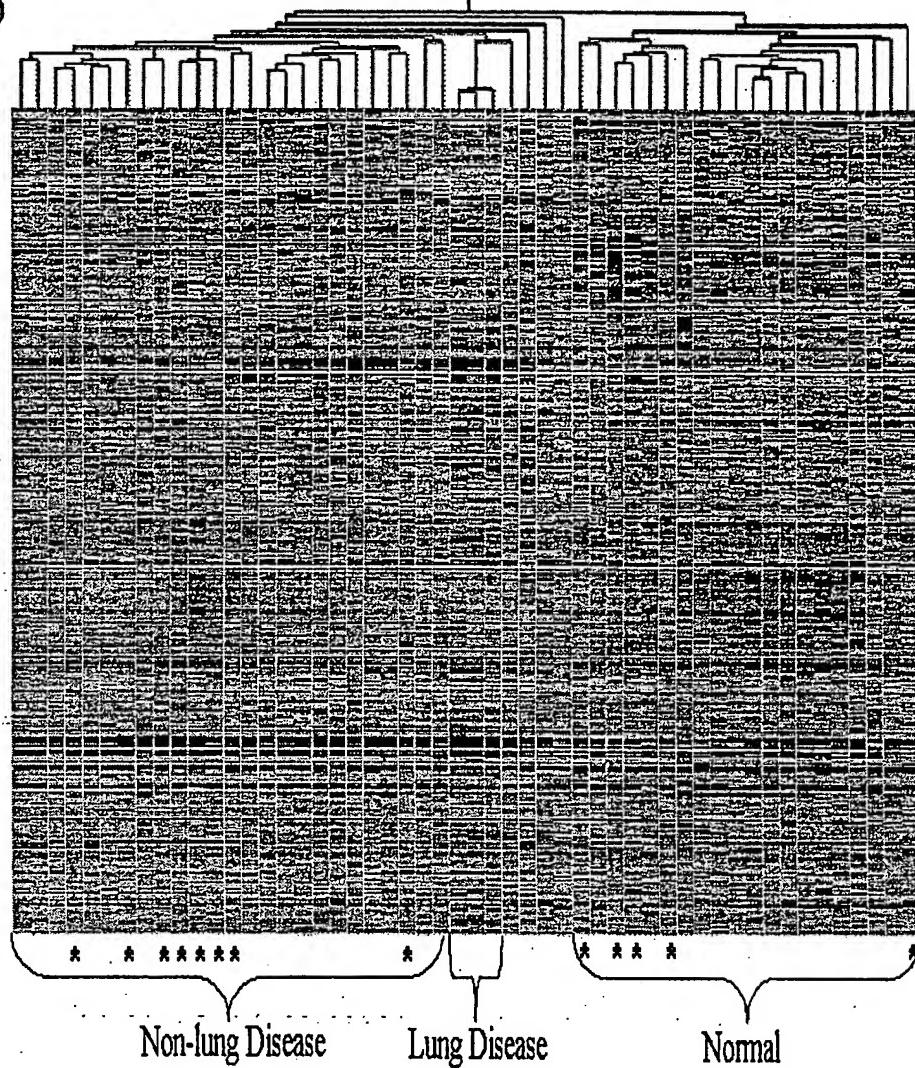


Figure 16

Lung
Disease



Lung Disease: 3

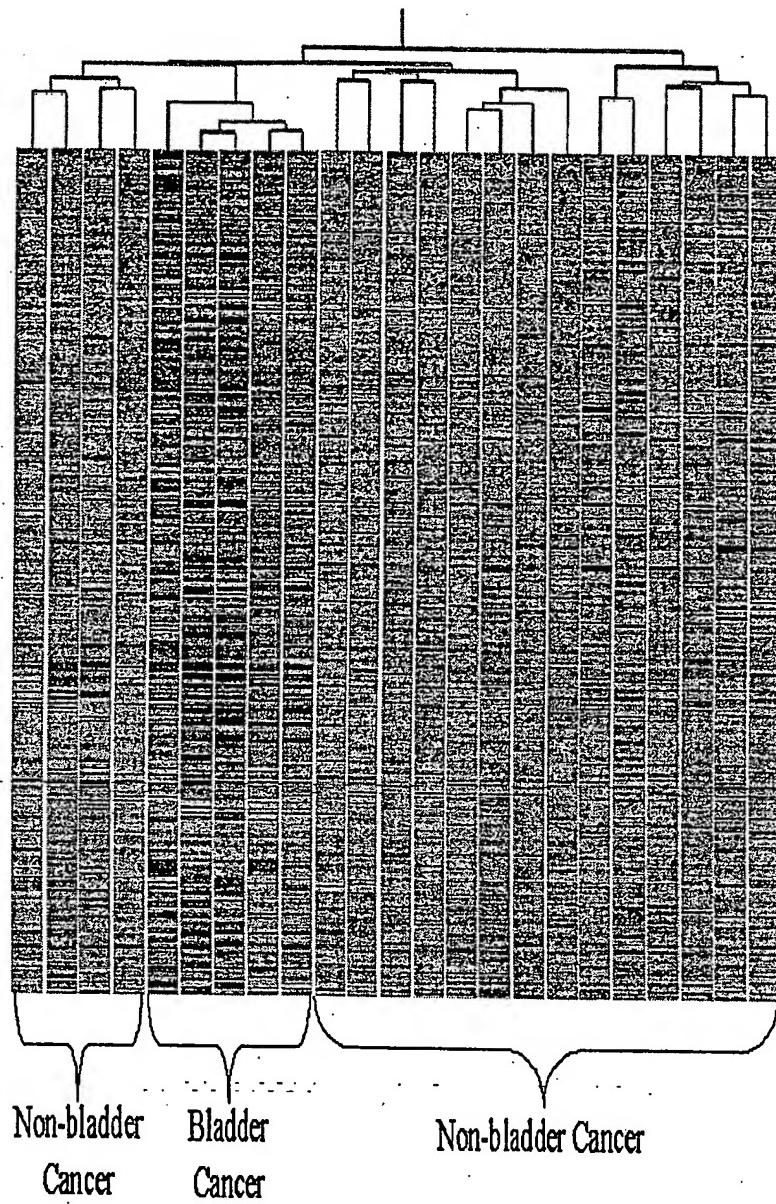
Non-lung Disease: 25

Normal: 24

Differentially Expressed Genes ($p < 0.05$): 596

Figure 17

Bladder
Cancer



Bladder Cancer: 5

Non-bladder Cancer: 18

Differentially Expressed Genes ($p < 0.05$): 4,228

Figure 18

Bladder
Cancer

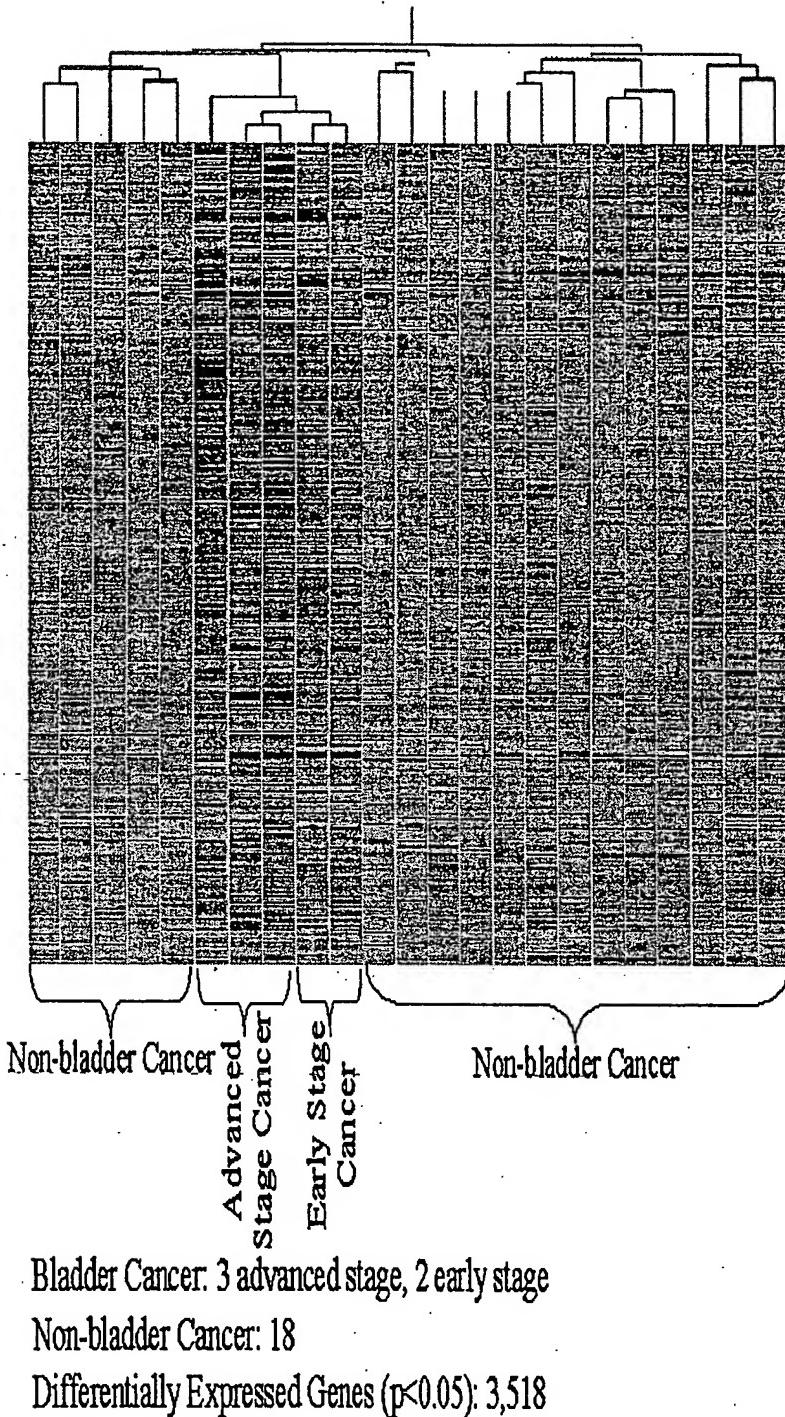
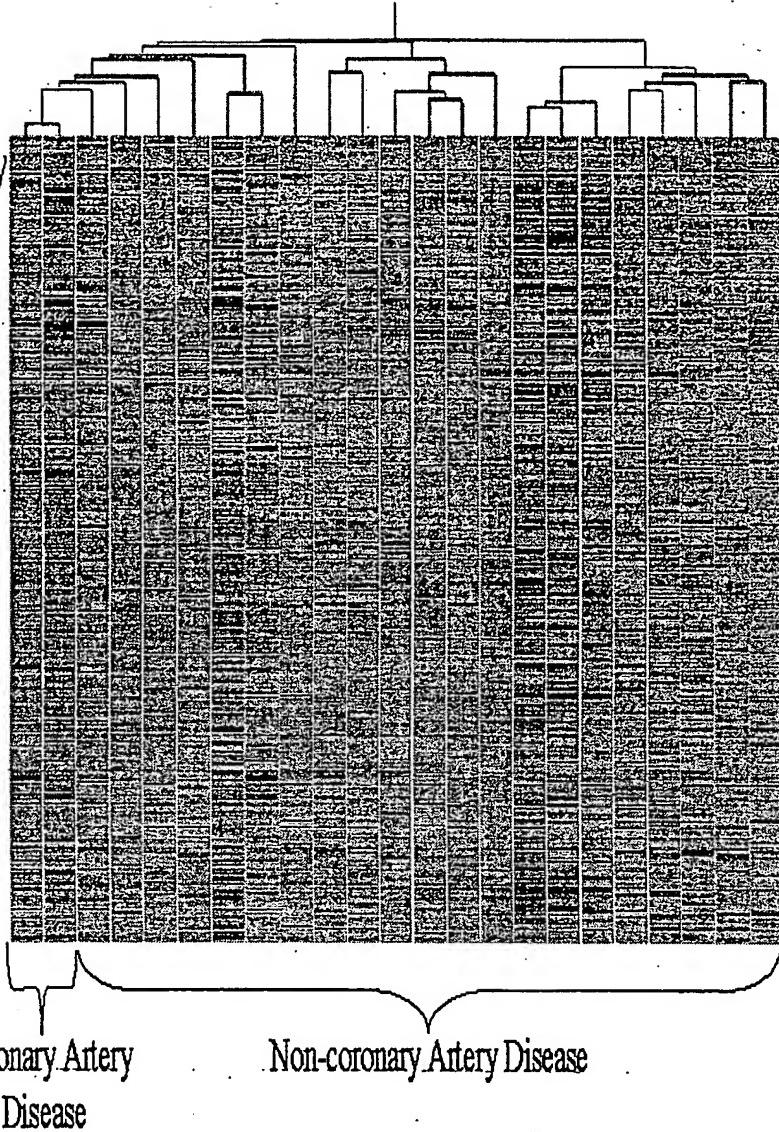


Figure 19

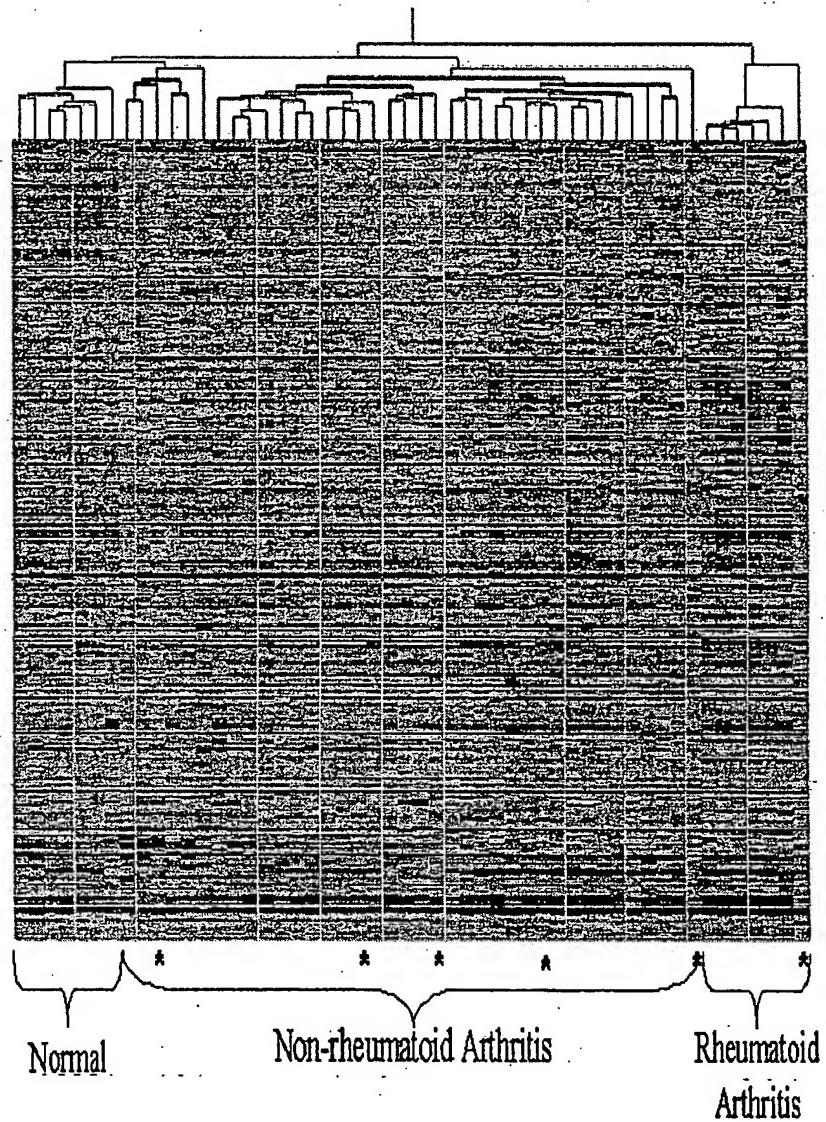
Coronary Artery
Disease



Coronary Artery Disease: 2
Non-coronary Artery Disease: 21
Differentially Expressed Genes ($p < 0.05$): 967

Figure 20

Rheumatoid
Arthritis



Rheumatoid Arthritis: 6

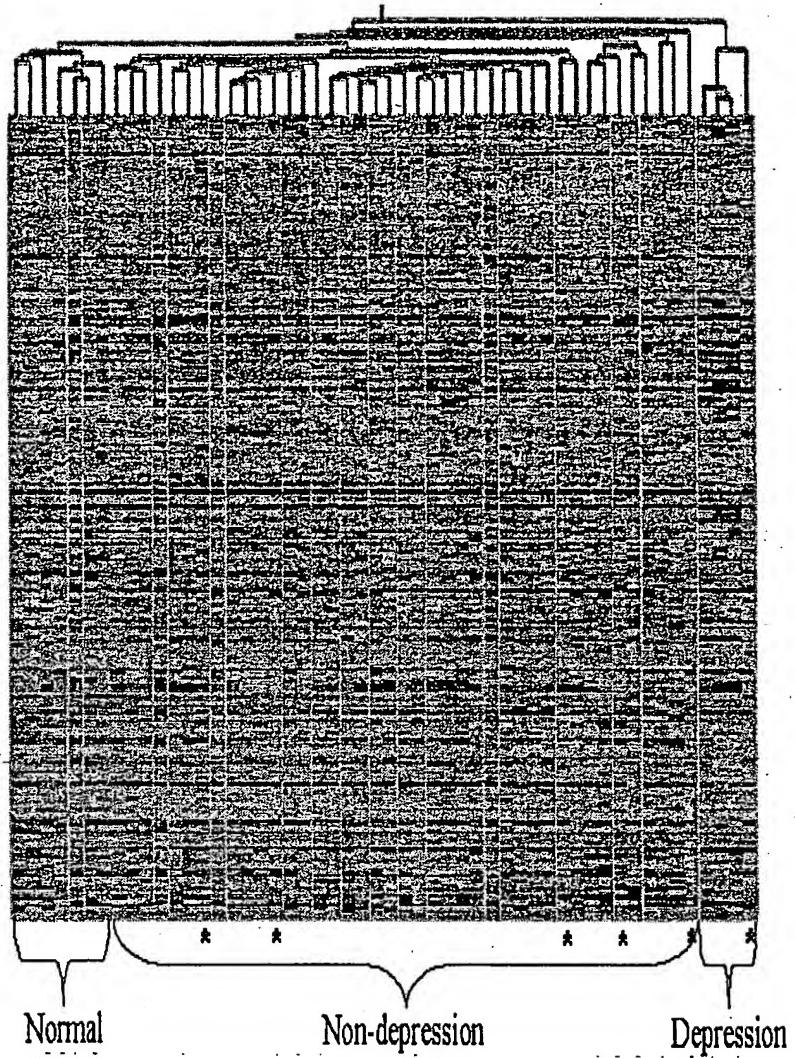
Non-rheumatoid Arthritis: 34

Normal: 12

Differentially Expressed Genes ($p < 0.05$): 2,068

Figure 21

Depression



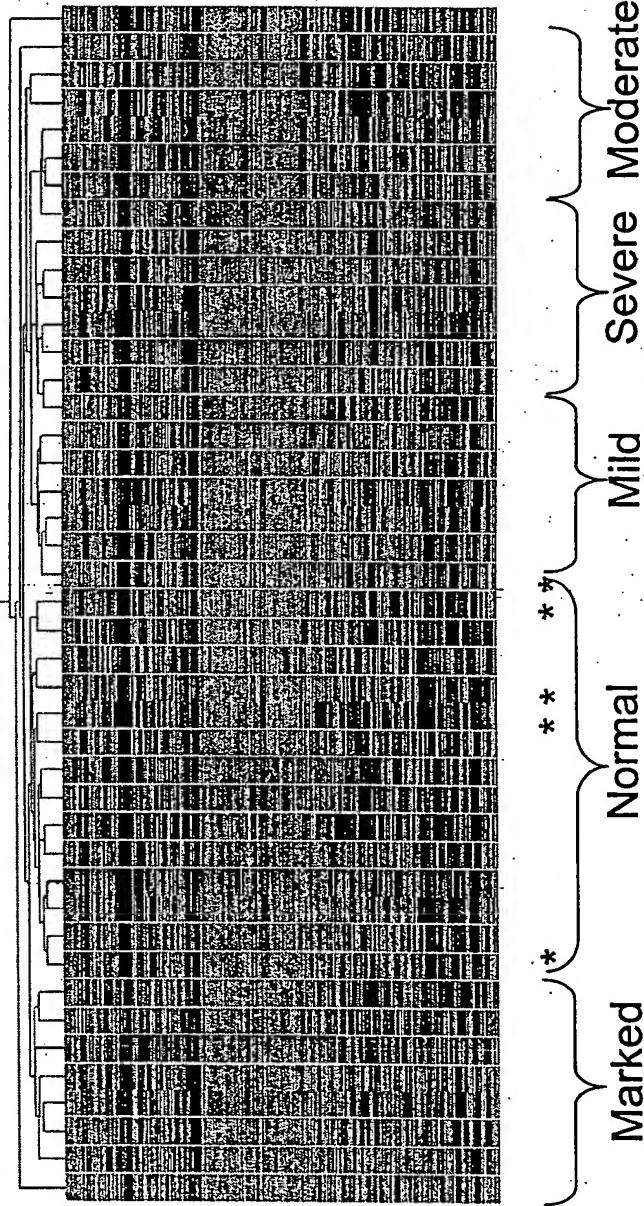
Depression: 3

Non-depression: 37

Normal: 12

Differentially Expressed Genes ($p < 0.05$): 941

Figure 22
Osteoarthritis



Osteoarthritis: 9 mild, 8 moderate, 8 marked, 9 severe

Normal: 9

Differentially Expressed Genes ($p < 0.05$): 300

Figure 23 RT-PCR of overexpressed genes in CAD peripheral blood cells identified using microarray experiments, including PBP, PF4 and F13A.

Figure 24

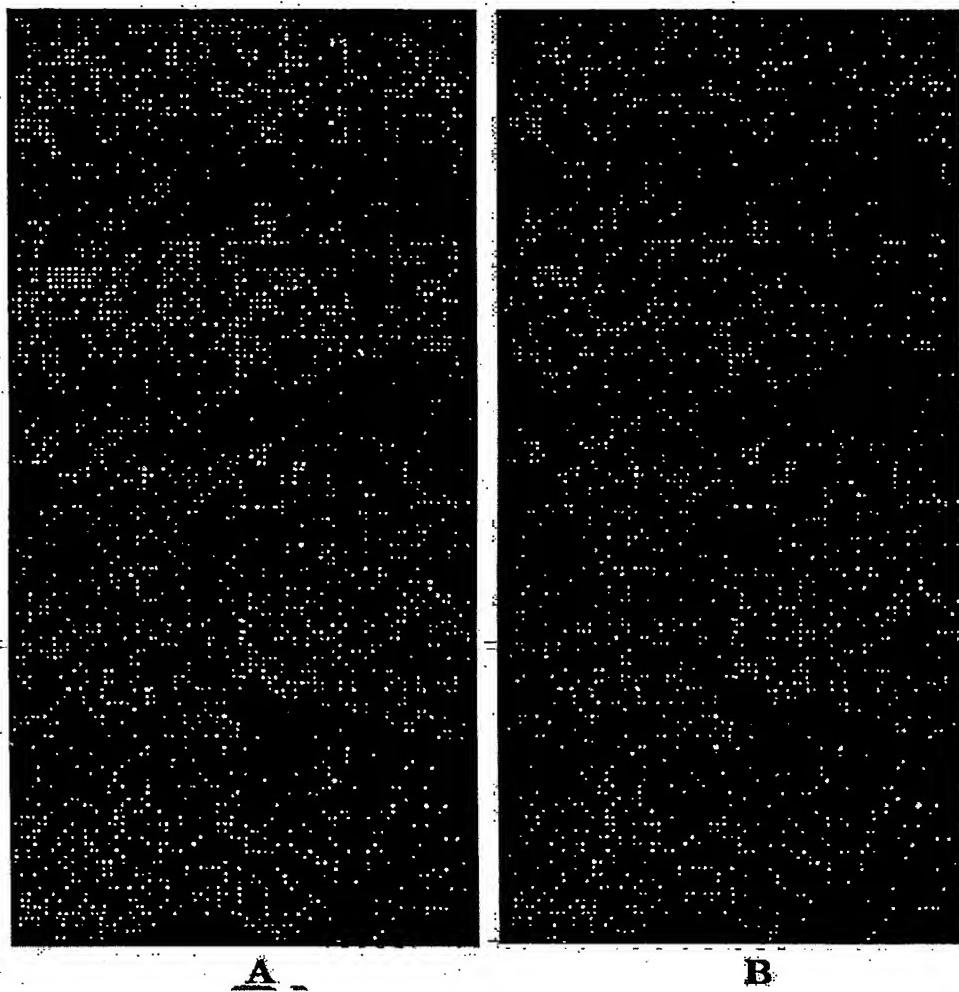


Figure 25

Liver Cancer

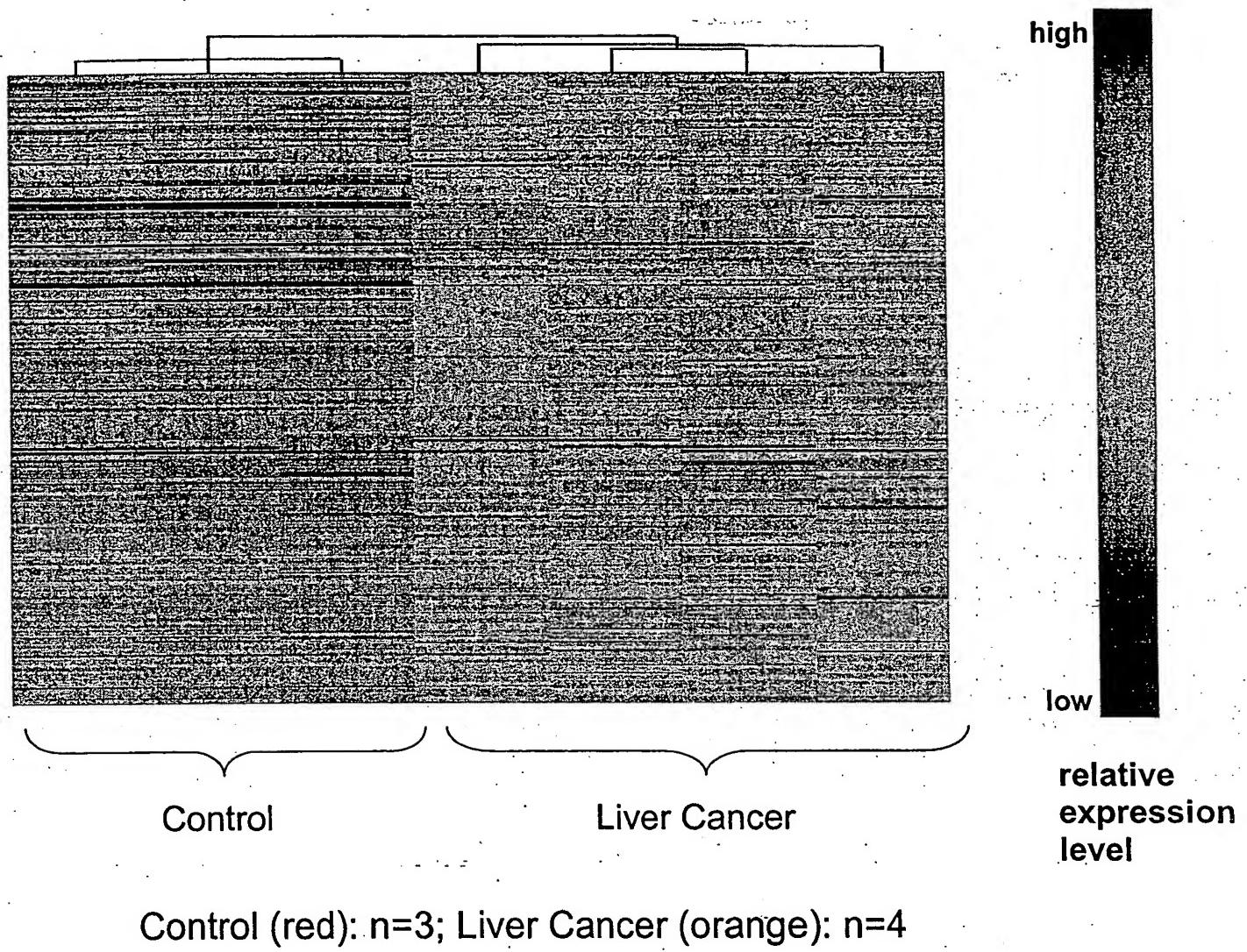
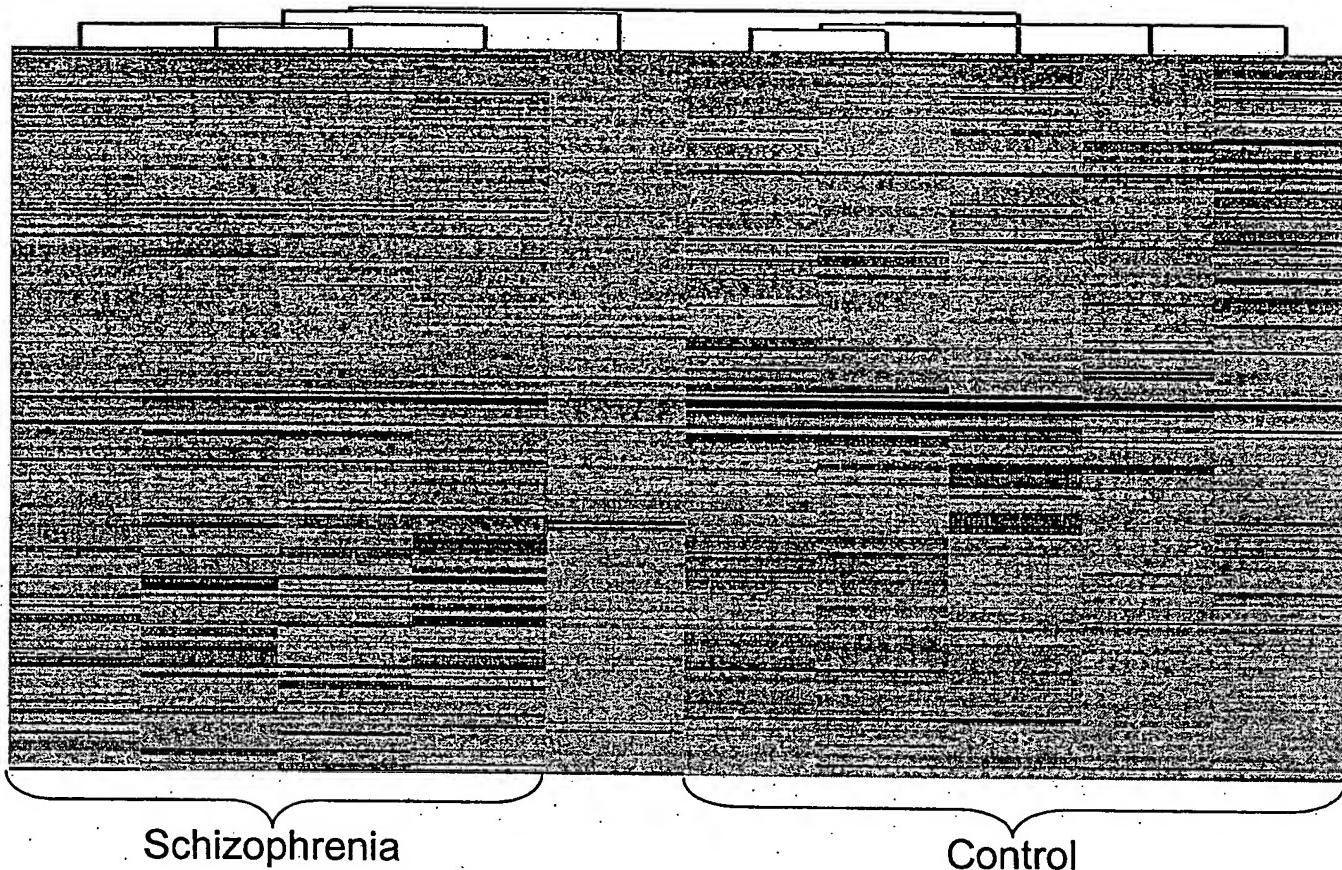


Figure 26

Schizophrenia



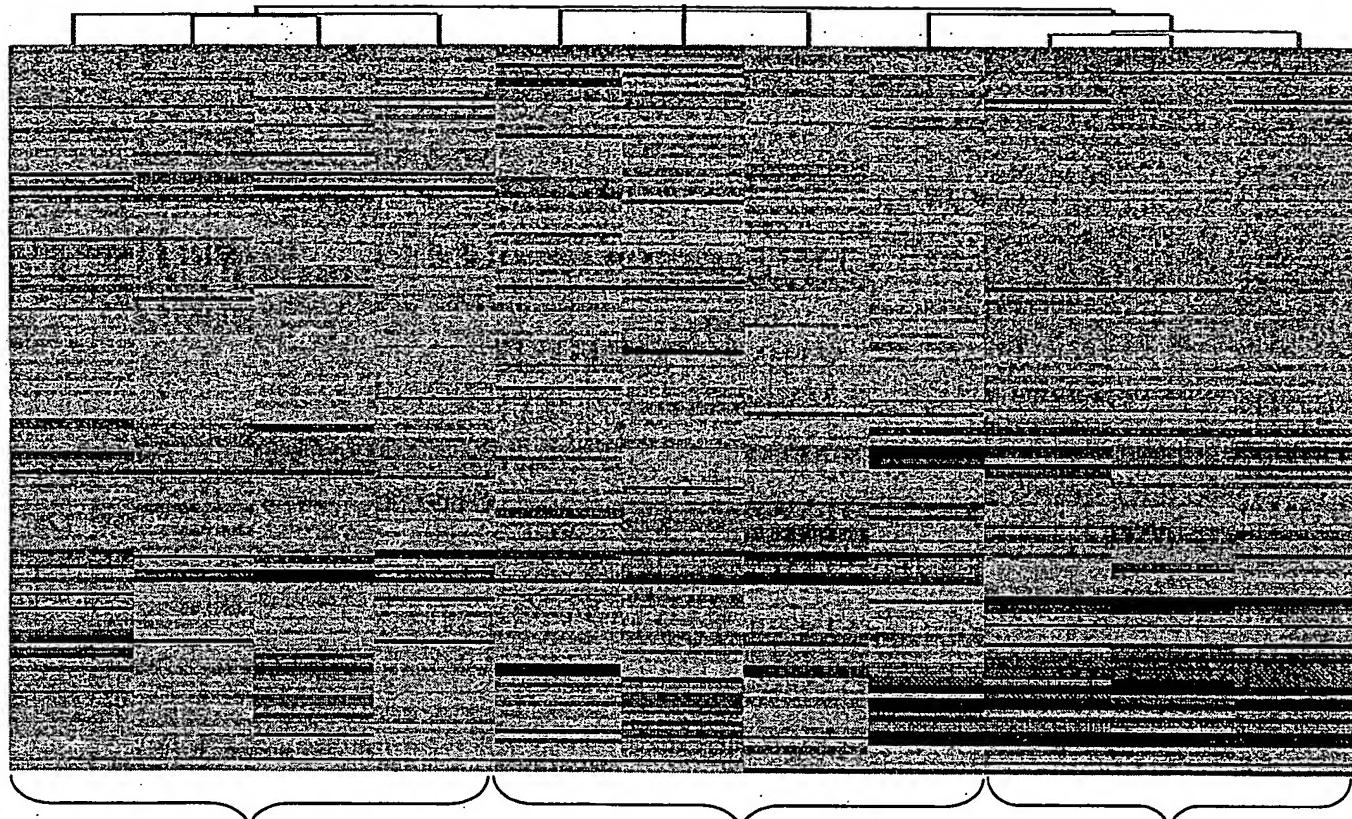
Schizophrenia

Control

Control (red): n=6; Schizophrenia (orange): n=4

p<0.005
252 genes

Figure 27
Chagas Disease

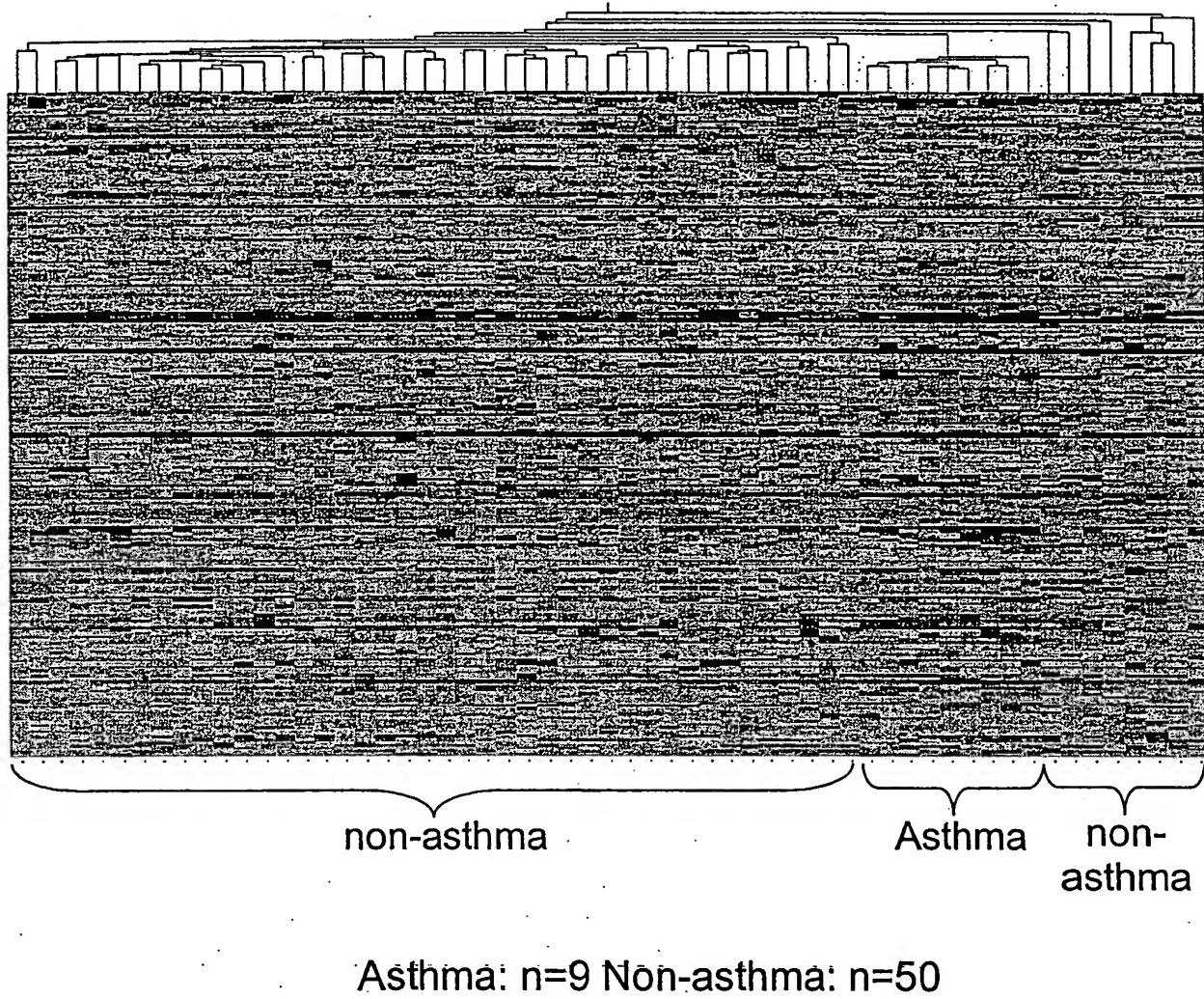


Control (orange): n=4; Chagas' asympt. (red): n=4;
Chagas' sympt. (yellow): n=3

p<0.01
155 genes

Figure 28

Asthma



p<0.05
219 genes

Figure 29

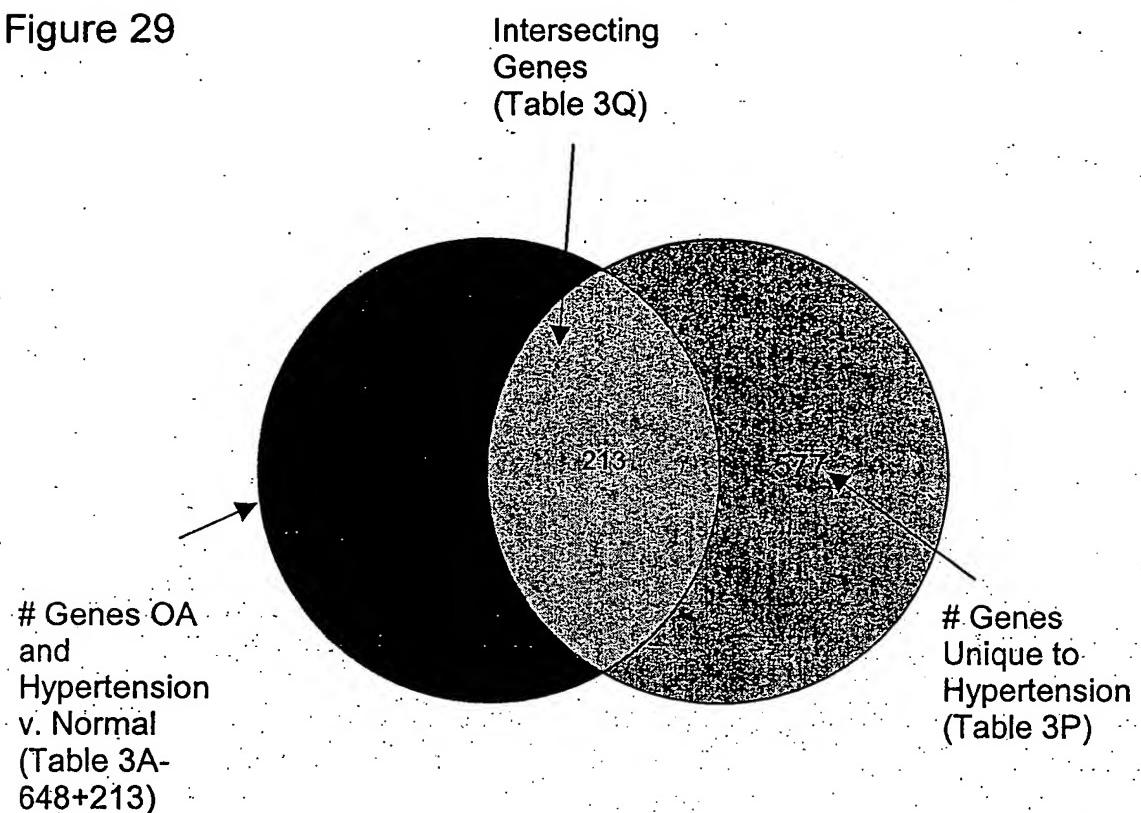


Figure 30

Intersecting
Genes
(Table 3S)

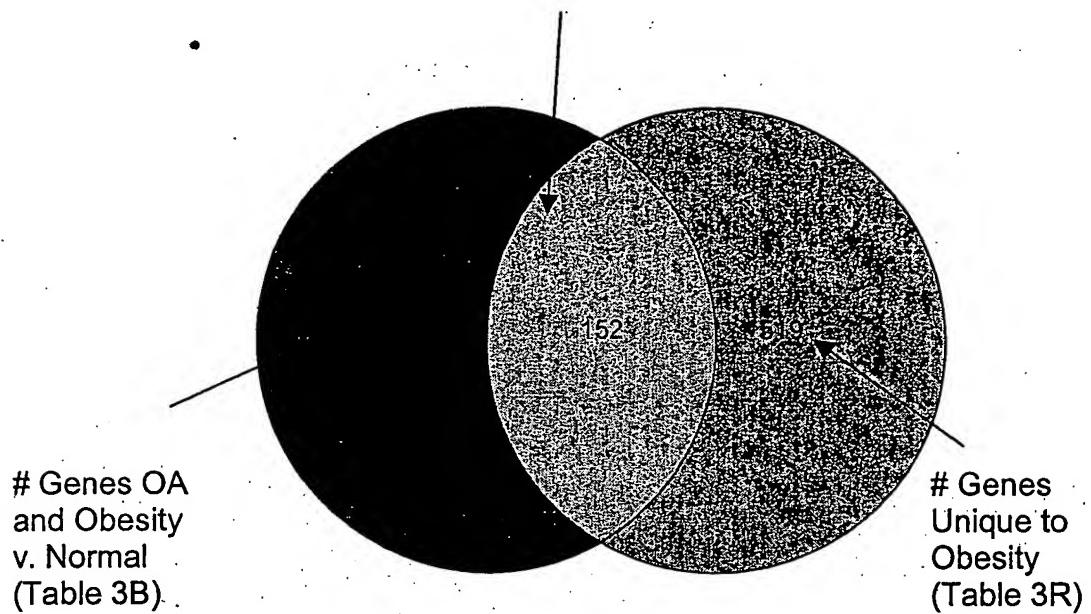


Figure 31

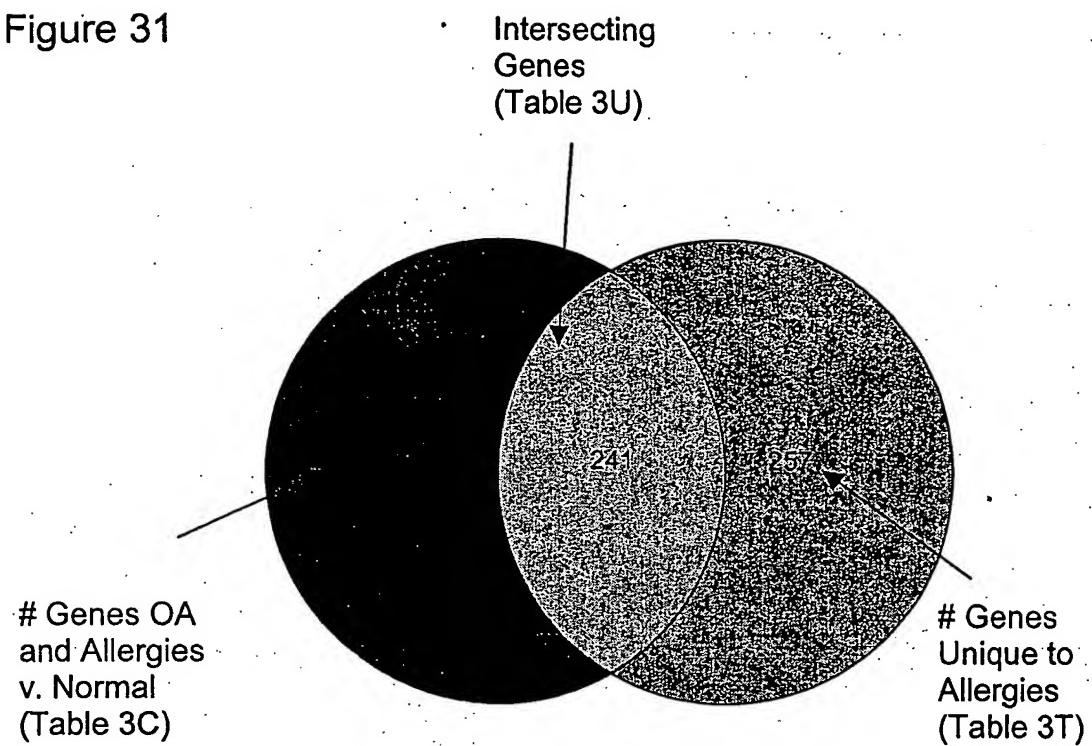


Figure 32

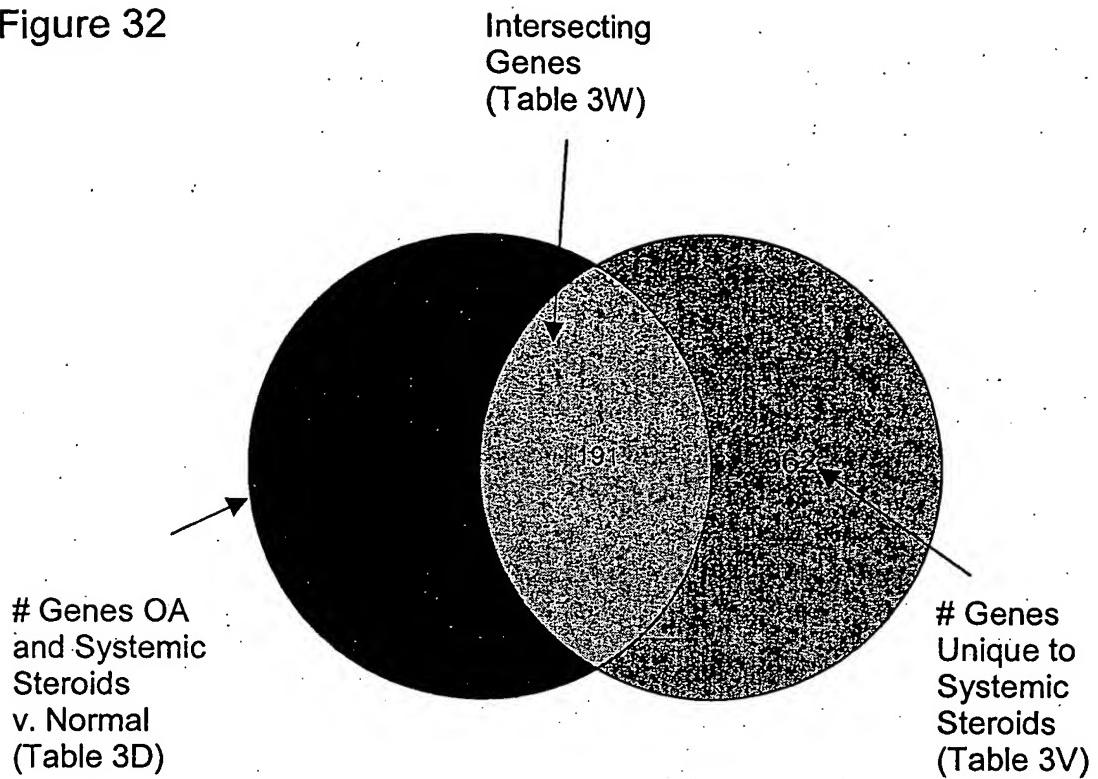
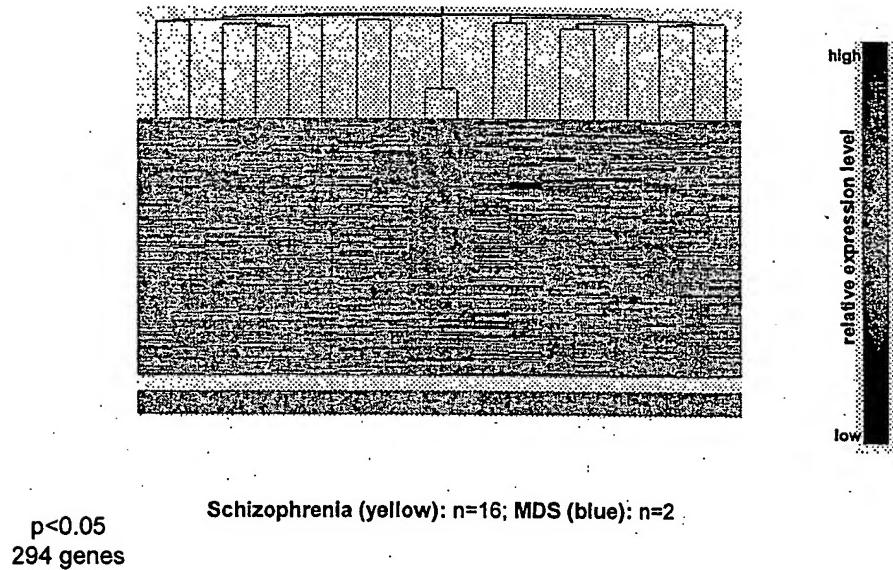


Figure 33

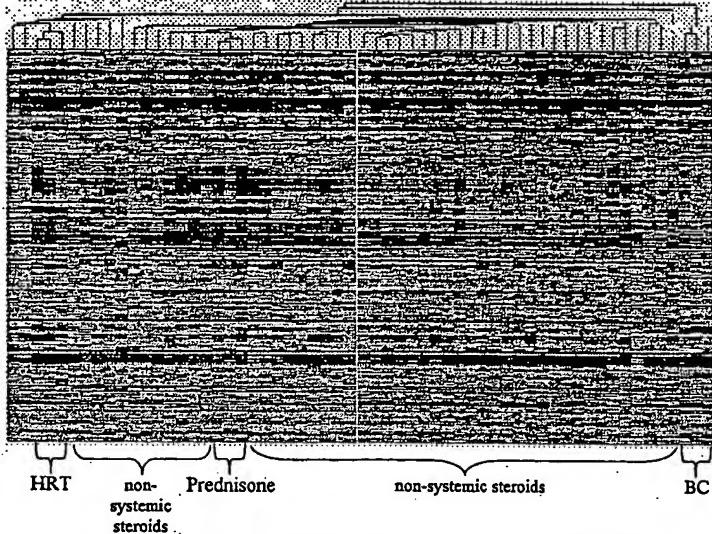
Schizophrenia, Batch 2 vs. MDS



MDS = Manic Depression Syndrome

Figure 34

OA Blood Samples Co-morbidities Study: Systemic Steroid Groups
(n=59: mild OA blood-29, severe OA blood-30)



Systemic Steroids (n=9): 3 prednisone, 3 birth control, 3 hormone replacement therapy

Non-systemic steroids: 50

Differentially Expressed Genes ($p < 0.05$): 396

HRT = hormone replacement therapy; BC = birth control

Figure 35

